

Converting Colors

RGB(61, 171, 163)

Have a look what the booklet for
RGB(61, 171, 163) contains.

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Color

RGB(61, 171, 163)

Conversions

Conversions Part 1

Format	Color
Hex	3DABA3
RGB	61, 171, 163
RGB Percent	24%, 67%, 64%
CMY	0.7608, 0.3294, 0.3608
CMYK	0.64, 0.00, 0.05, 0.33
HSL	176°, 47%, 45%
HSV	176°, 64%, 67%
XYZ	23.0982, 32.7623, 39.7567
YIQ	137.1980, -62.9920, -25.8080

Conversions

Conversions Part 2

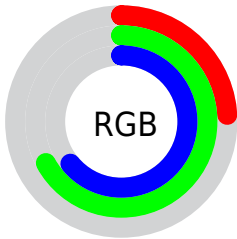
Format	Color
RYB	61, 118, 171
Decimal	4041635
CIELab	63.97, -32.67, -5.07
CIELCh	64, 33.060, 188.827
Yxy	32.7623, 0.2416, 0.3426
Android (android.graphics.Color)	4282231715 (0xFF3DABA3)
YUV	137.1980, 12.7204, -66.8256
Hunter-Lab	57.2383, -28.1343, -1.1149

Details

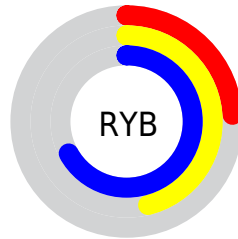
The RGB color **61, 171, 163** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **171, 61, 69**, and the grayscale version is **137, 137, 137**.

A 20% lighter version of the original color is **122, 227, 218**, and **0, 118, 111** is the 20% darker color. If you saturate the color by 10%, you get **44, 171, 162**, and if you desaturate by 10%, it is **78, 171, 164**.

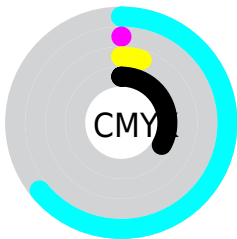
Distribution



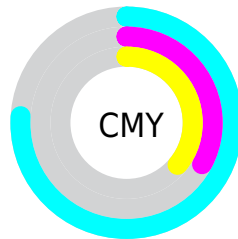
- Red (24%)
- Green (67%)
- Blue (64%)



- Red (24%)
- Yellow (46%)
- Blue (67%)



- Cyan (64%)
- Magenta (0%)
- Yellow (5%)
- Black (33%)




- Cyan (76%)
- Magenta (33%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RGB color 61, 171, 163 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 61, 171, 163 by changing the saturation by 10% instead.

 61, 171, 163

255, 255, 255


 122, 227, 218


 151, 255, 246


 180, 255, 255

 209, 255, 255

 239, 255, 255

 61, 171, 163

 20, 144, 137

 0, 118, 111


 0, 93, 87


 0, 69, 64


 0, 46, 42


 0, 23, 22

 0, 0, 0

 61, 171, 163

 44, 171, 162

 61, 171, 163

 78, 171, 164

■ 27, 171, 161

■ 95, 171, 165

■ 10, 171, 159

■ 112, 171, 167

■ 0, 171, 159

■ 129, 171, 168

■ 146, 171, 169

■ 164, 171, 170

■ 181, 171, 172

■ 198, 171, 173

■ 215, 171, 174

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



98, 169, 133



61, 171, 163



44, 169, 191

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



61, 171, 163



170, 144, 201



193, 146, 101

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



61, 171, 163



171, 61, 69

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



209, 137, 119



61, 171, 163



199, 135, 177

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61, 171, 163



128, 155, 213



212, 132, 147



166, 156, 96

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61, 171, 163



64, 166, 205



212, 132, 147



199, 143, 105

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



61, 171, 163



180, 222, 219



70, 171, 61



86, 112, 110



240, 240, 240



112, 112, 112

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



61, 171, 163



51, 222, 209



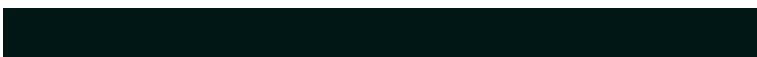
61, 125, 171



78, 87, 86



0, 150, 140



0, 23, 21

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



171, 61, 69



222, 51, 63



171, 107, 61



87, 78, 79



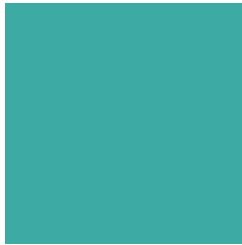
150, 0, 11



23, 0, 2

Previews

White Background



This preview shows how the RGB color 61, 171, 163 looks on a white background.

Color Contrast Check

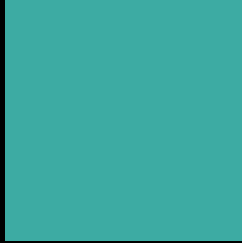
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 61, 171, 163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

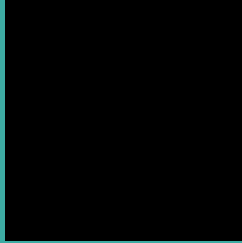
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

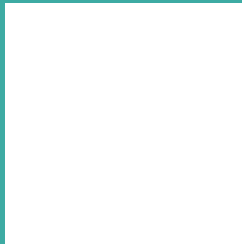
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 61, 171, 163 Background



This preview shows how black text looks on a background with the RGB color 61, 171, 163.

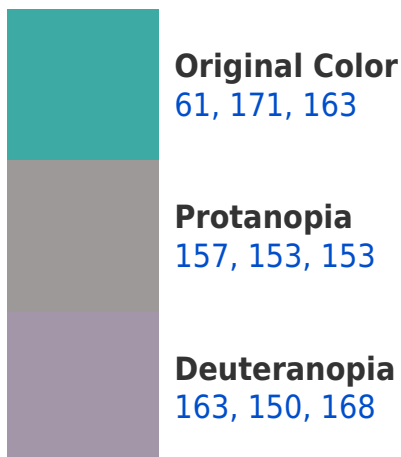


This preview shows how white text looks on a background with the RGB color 61, 171, 163.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





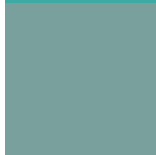
Tritanopia
70, 168, 182

Trichromacy



Original Color

61, 171, 163



Protanomaly

122, 160, 157



Deuteranomaly

126, 158, 166



Tritanomaly

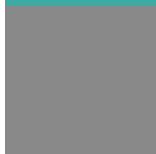
67, 169, 175

Monochromacy



Original Color

61, 171, 163



Achromatopsia

137, 137, 137



Achromatomaly

109, 149, 146

CSS Examples

Text

The CSS property to change the color of the text to RGB 61, 171, 163 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(61, 171, 163)` looks like.

```
.text, #text, p{  
    color:rgb(61, 171, 163)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(61, 171, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 171, 163) }
```

Border

The CSS property to change the border of an element to RGB 61, 171, 163 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(61, 171, 163) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(61, 171, 163) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(61, 171, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 171, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 171, 163);  
box-shadow:4px 4px 4px 4px rgb(61, 171,  
163) }
```

Background

The CSS property to change the background color of an element to RGB 61, 171, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 171, 163) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(61, 171,  
163) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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